

Complex Work Order Identifier									
number/name									
N Common fields									
Area	Time	Field a	.	.	.	.	.	.	Field n
Member Sub-orders									
Sub-order Identifier	Type	Q Specific Fields			Precedence Sub-Orders		Precedence Criteria		
		Duration	Skill	Tech	Field n		Criteria x	Criteria y	
O1	Type O1	Time O1	.	.	.	null	null	null	
O2	Type O2	Time O2	.	.	.	O1	x	y	
O3	Type O3	Time O3	.	.	.	O1	x	y	
.	.	.	.	.	.	O2	x	y	
.	
.	
.	
.	
M	Type M	Time M	.	.	.	.	.	.

Figure 1

Figure 2A

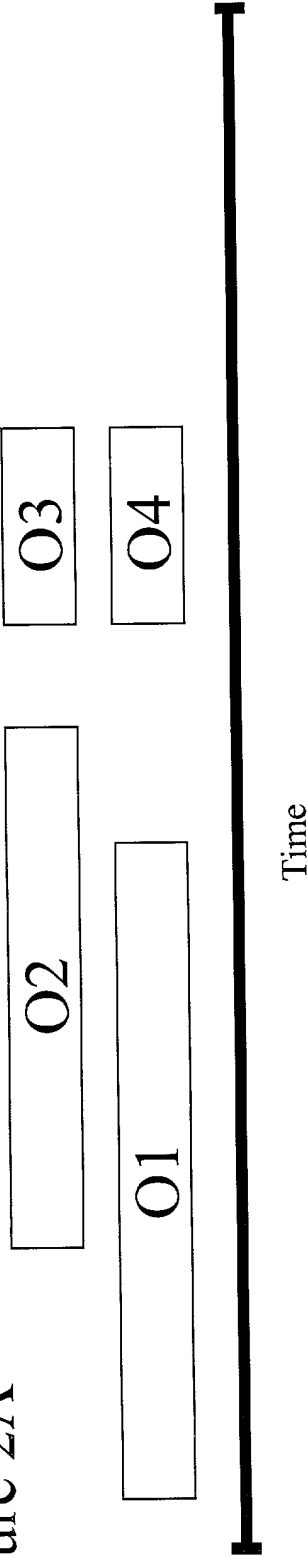


Figure 2B

Sub-order Identifier	Type	Q Specific Fields				Precedence Criteria		
		Duration	Skill	Tech	Field n	Predecessor Orders	Criteria x	Criteria y
O1	construction	3 hour	Level 3	.	Boring tool	null	null	null
O2	wiring	2 hour	Level 2	.	.	O1	B	90 min
O3	service	1 hour	Level1	Smith	.	O1	C	.
						O2	C	.
O4	installation	1 hour	Level 2	.	.	O1	C	.
						O2	C	.
						O3	S	.

50 80 70 68 66 64 60

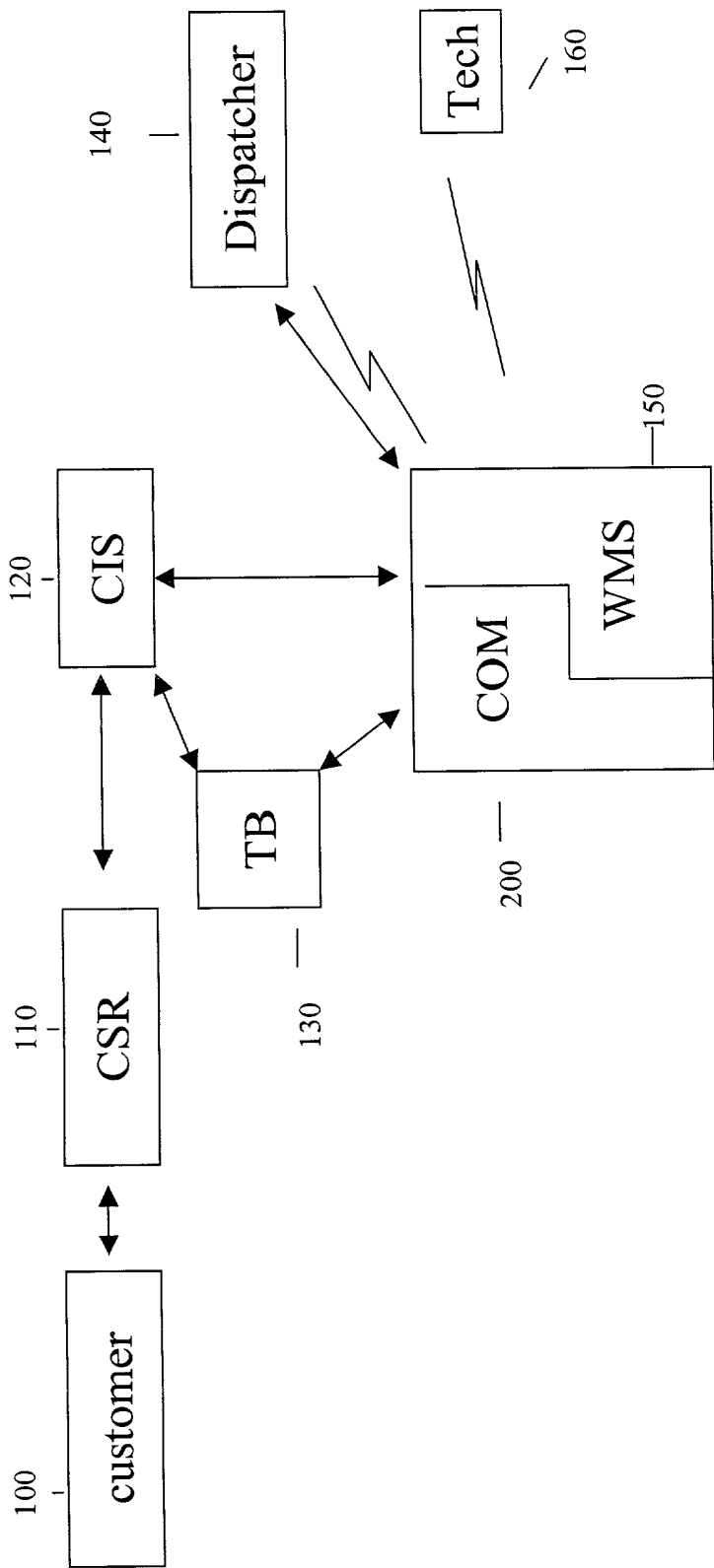


Figure 3

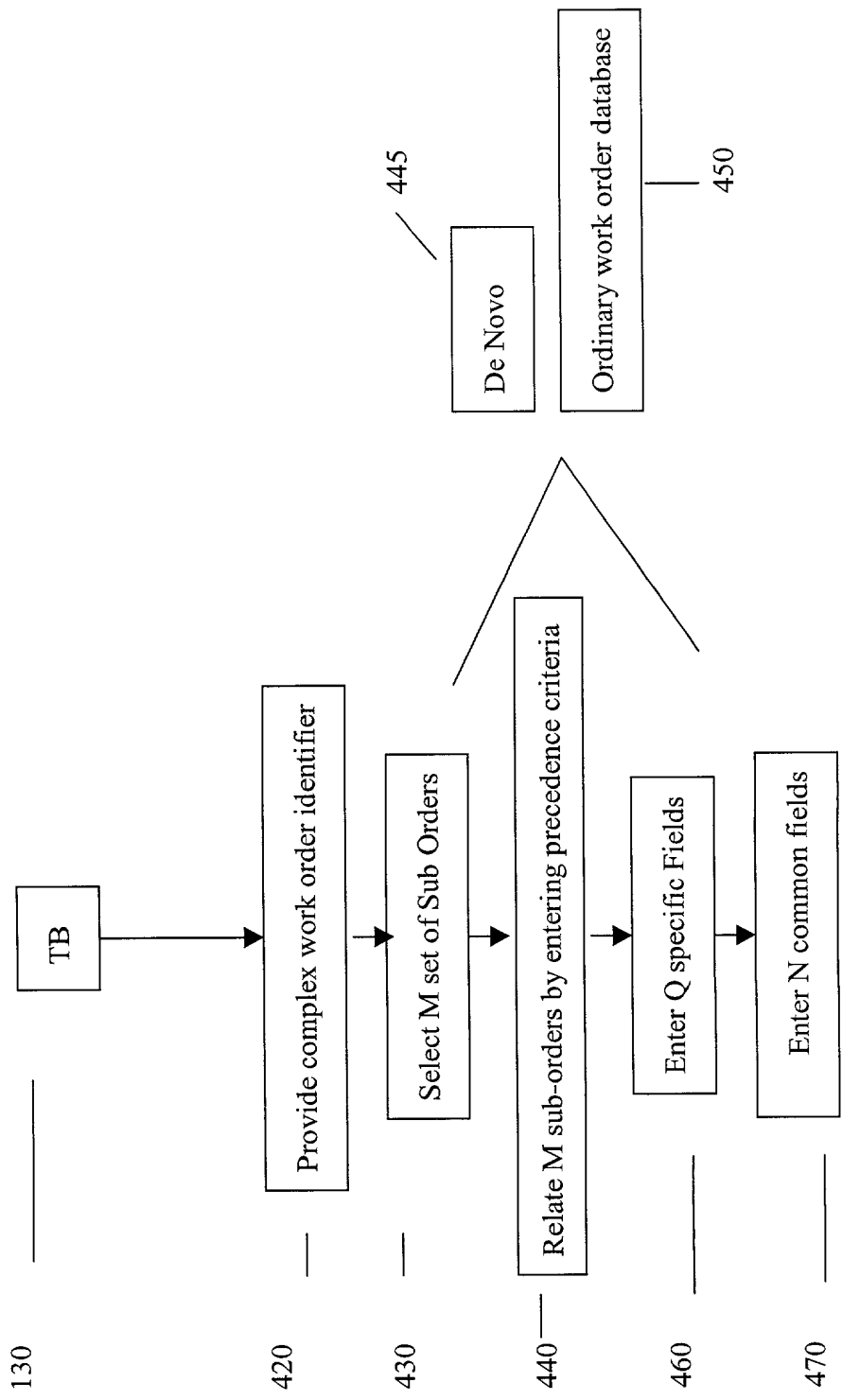


Figure 4

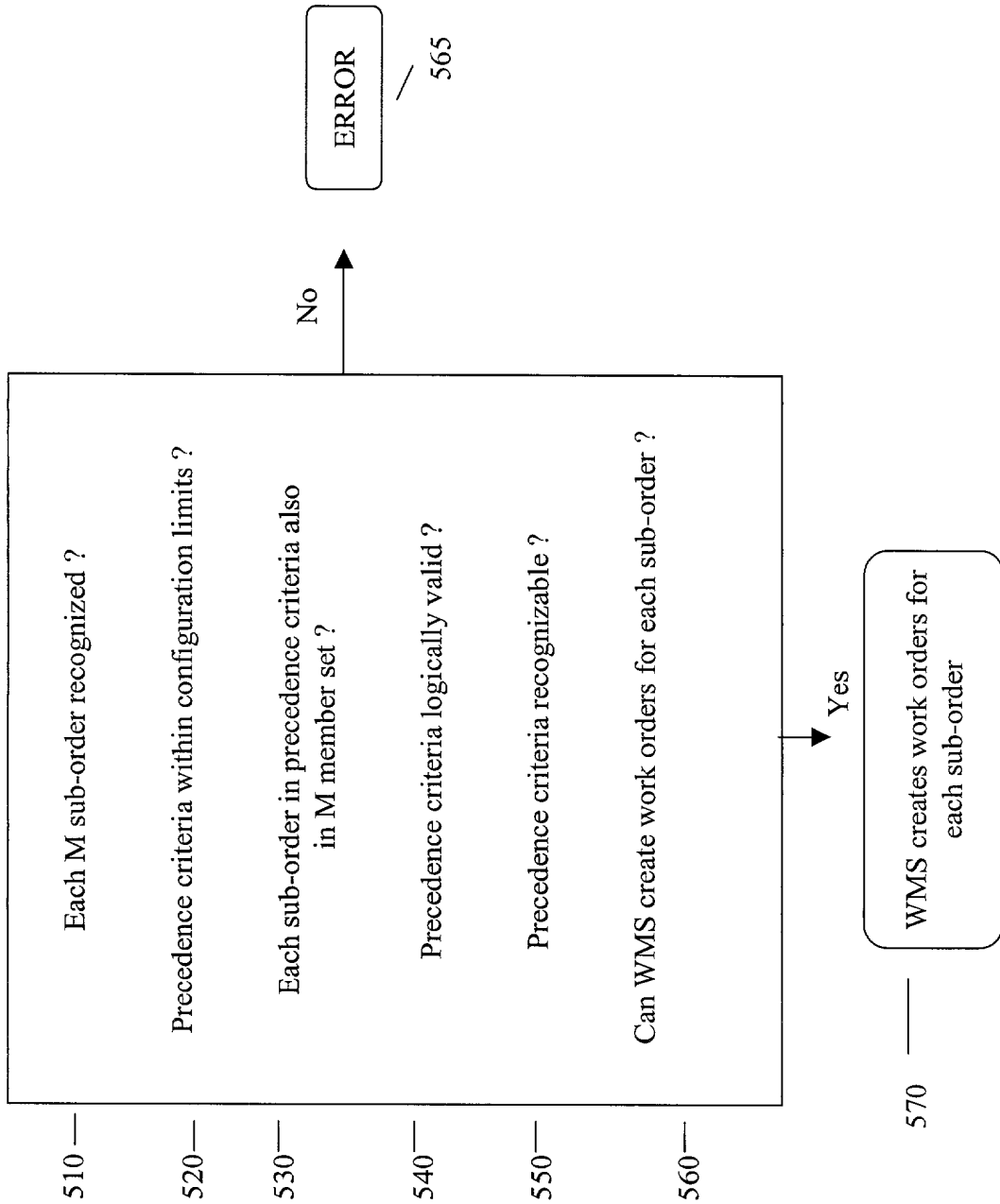


Figure 5

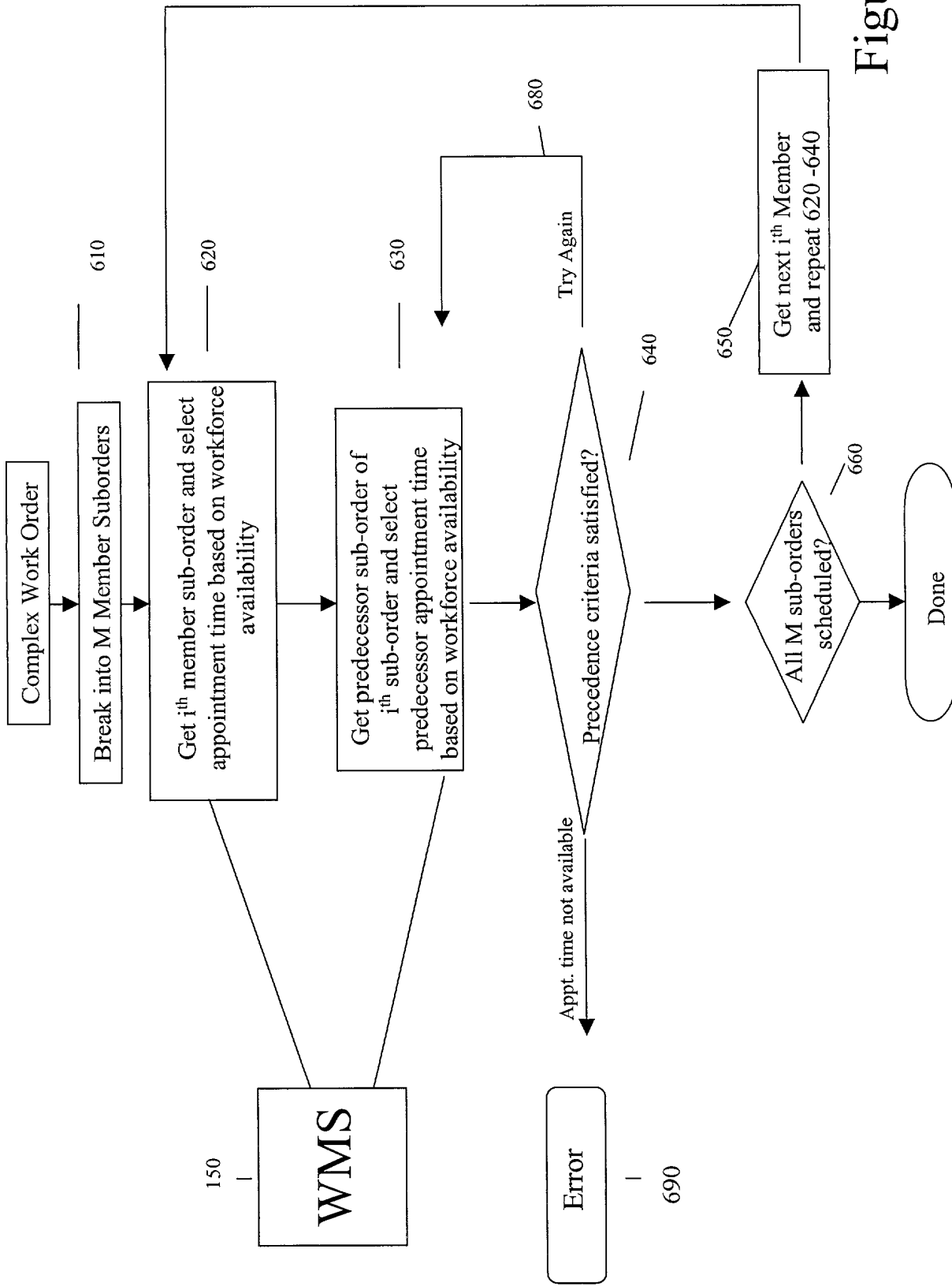


Figure 6

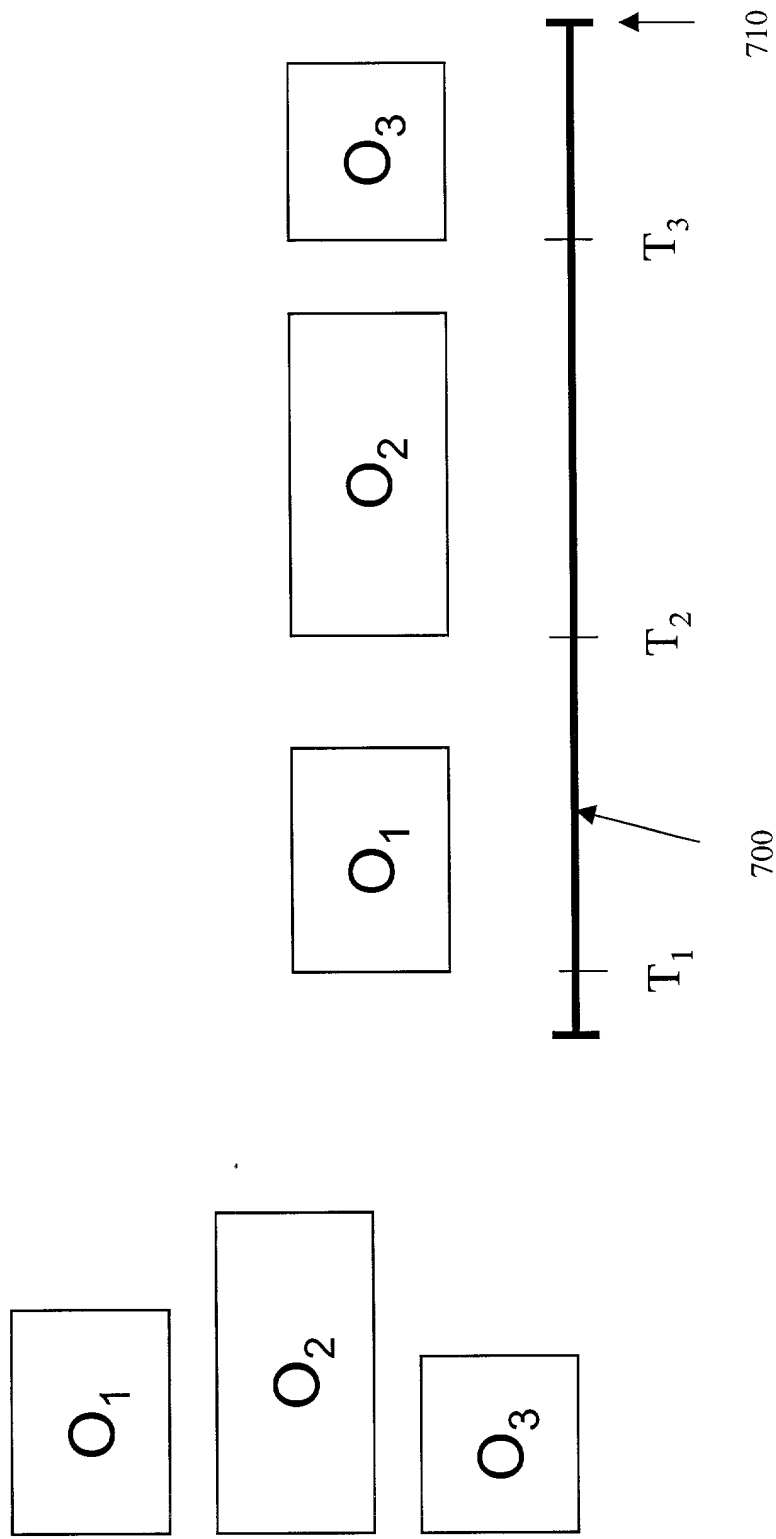


Figure 7A

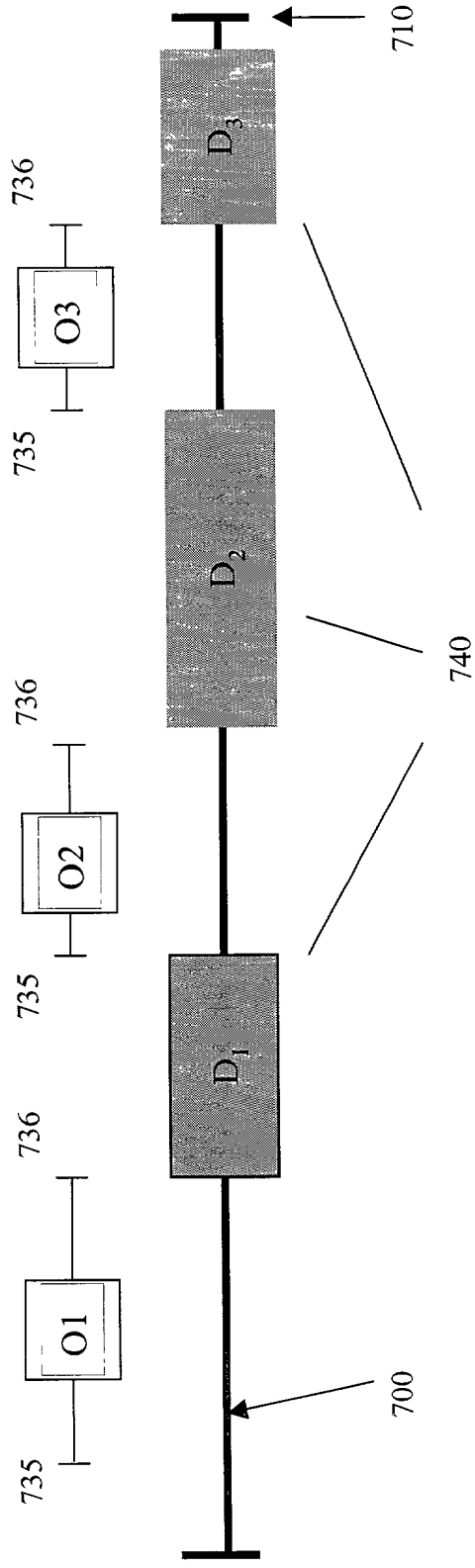


Figure 7B

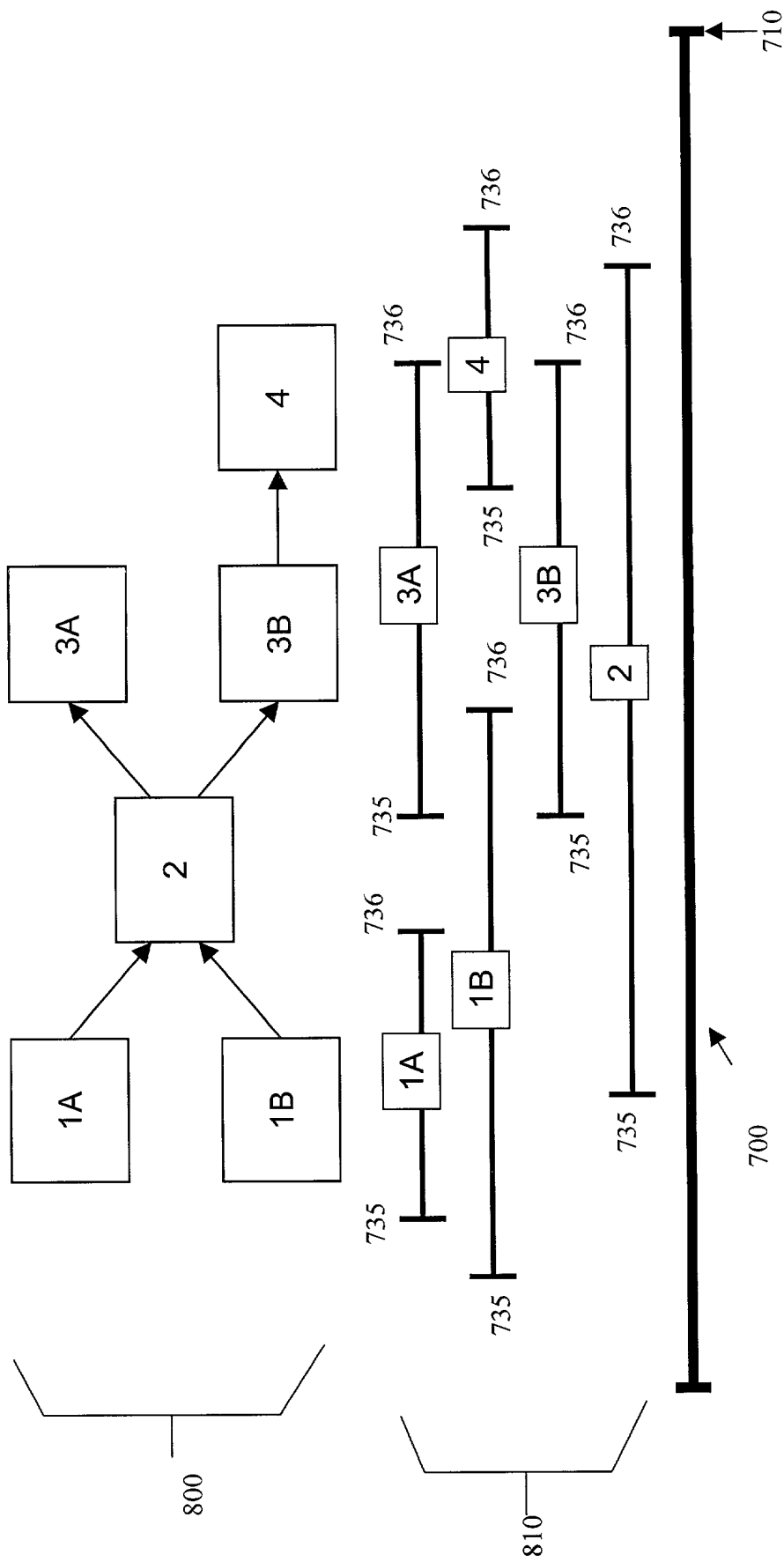


Figure 8

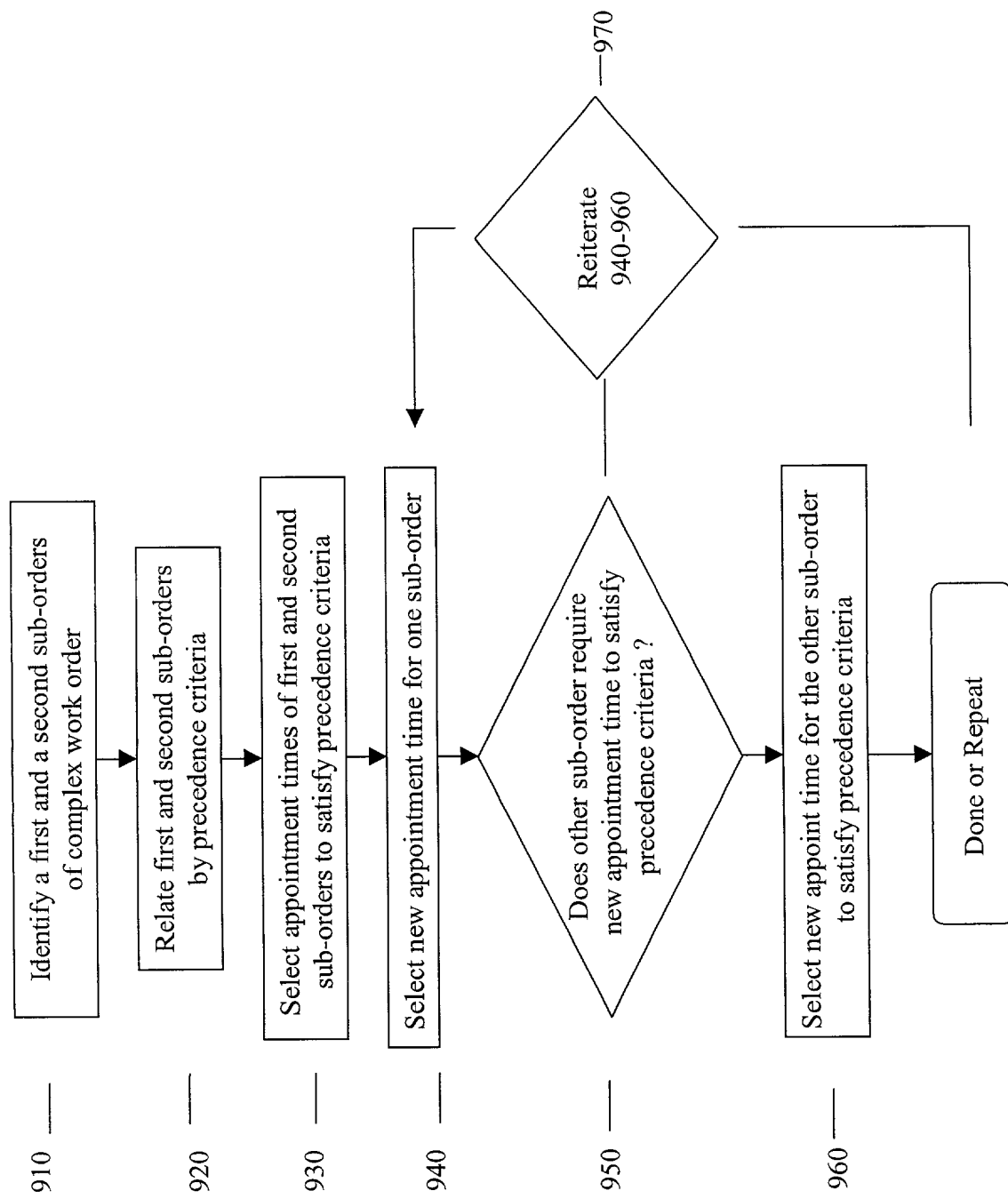


Figure 9

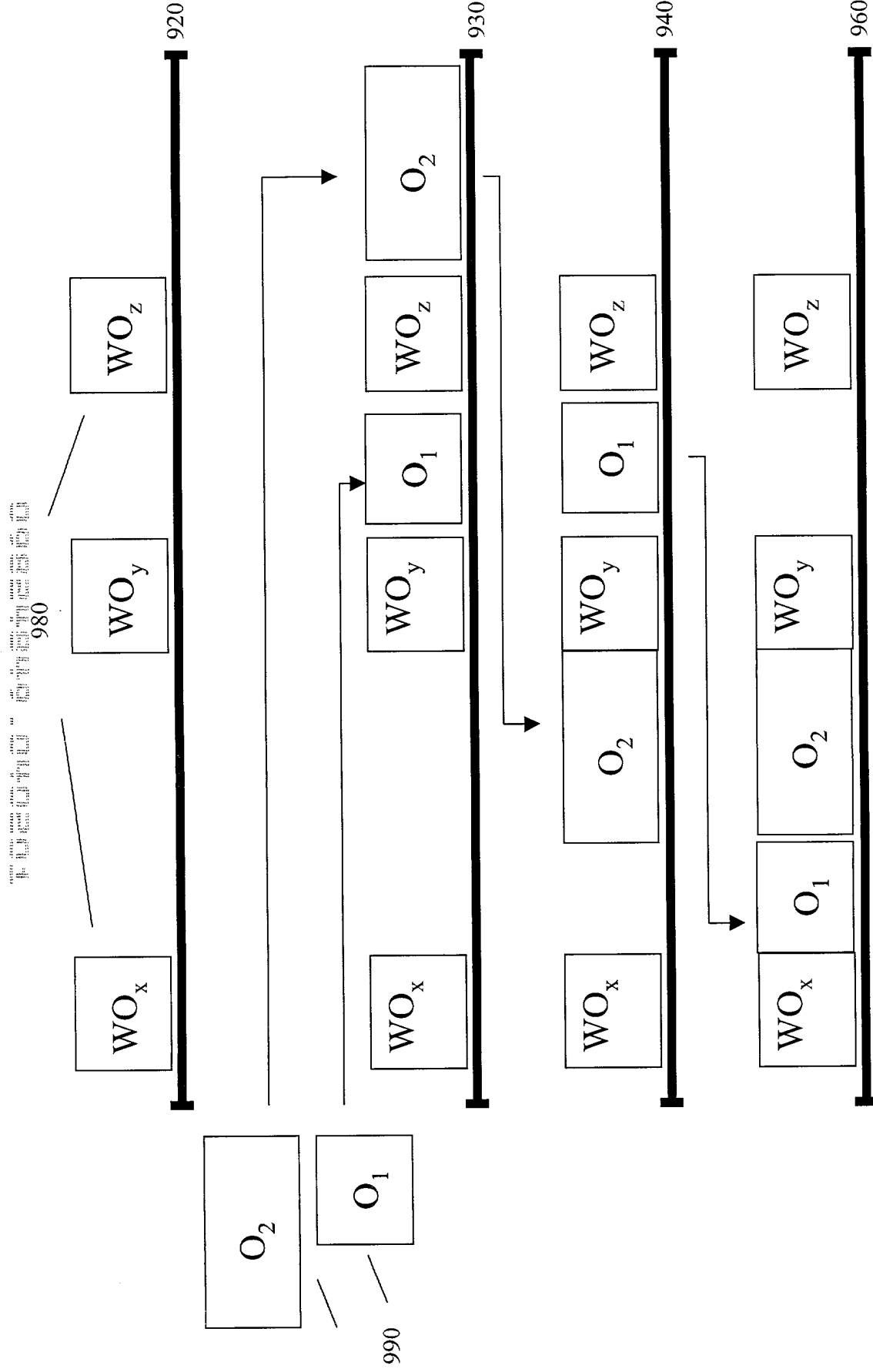


Figure 10